

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN UE	Operator ID#: 20050
Inspection Date(s): 5/7/2015	Man Days: 1
Inspection Unit: RACCOON CREEK	
Location of Audit: Flora	
Exit Meeting Contact: Mike Wendling	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Valerie Schwing	
Company Representative to Receive Report: Jim Diemer, Michael Holman	
Company Representative's Email Address: jdiemer@ameren.com, mholman@ameren.com	

Headquarters Address Information:	1901 Chouteau St. Louis, MO 63166 Emergency Phone#: (618) 392-5502 Fax#:	
Official or Mayor's Name:	Dave Wakeman Phone#: (000) 000-0000 Email:	
Inspection Contact(s)	Title	Phone No.
Mike Wendling	Engineer	

CUSTOMER METER & REGULATOR		Status
<u>Category Comment:</u>		
<i>The operator's system does not contain customers, customer meters, customer regulators, or service lines.</i>		
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Not Applicable
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Not Applicable
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Not Applicable
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Not Applicable
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Not Applicable

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[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Not Applicable
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Not Applicable
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Not Applicable
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Applicable
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Not Applicable
CATHODIC PROTECTION		Status
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory
<u>General Comment:</u> Staff observed the following cathodic protection readings: Test Station Location Reading (-VDC) 1. Pipeline Interconnect 1.26 6. Illinois 50 Crossing 1.48 7. Middle of Nowhere Station 1.48 10. At BP Pipeline Crossing 1.54 11. BP Pipeline Potential 0.49 12. Raccoon Creek Generating Station 1.15		
[192.465(b)]	Were rectifier installations inspected?	Not Applicable
<u>General Comment:</u> The operator's system does not contain a rectifier.		
[192.465(a)]	Were isolated mains/services tested?	Not Applicable
<u>General Comment:</u> The operator's system does not contain any isolated services or mains.		
[192.465(c)]	Were critical/non critical bonds tested?	Not Applicable
<u>General Comment:</u> Though the operator's pipeline does cross a BP pipeline, the two pipeline are not bonded. The operator's system does not any contain critical or non-critical bonds.		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
<u>General Comment:</u> Staff observed a cathodic protection reading of -1.15 VDC, for the Test Station #12, located at the Raccoon Creek Generating Station. Staff observed a cathodic protection reading of -1.30 VDC taken on the non-jurisdictional Ameren UE Raccoon Creek Generating Station pipeline. Therefore, the flange connecting the non-jurisdictional and jurisdictional pipe is isolated		

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[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
<u>General Comment:</u> <i>Staff did not observe the casing readings at Test Stations #3 and #5 due to the fact the casing reading were observed during the 2012 Field Audit. The motivation of the 2015 Field Audit, was to observe the cathodic protection readings not obtained during the 2012 Field Audit. With the combination of the 2012 and the 2015 Field Audits, Staff has observed cathodic protection readings for all of the Ameren UE Raccoon Creek Test Stations.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
<u>General Comment:</u> <i>Staff examined the above ground piping at the pipeline interconnection and the Raccoon Creek Generating Station.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<u>General Comment:</u> <i>Staff examined the above ground piping at the pipeline interconnection and the Raccoon Creek Generating Station.</i>		
DAMAGE PREVENTION		Status
<u>Category Comment:</u> <i>The operator did not have any recent J.U.L.I.E dig tickets to examine in the field. Staff did examine line makers along the 5.9 mile long transmission pipeline.</i>		
[192.614]	Does the operator have a valid notification of planned excavation activities?	Not Checked
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Not Checked
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Not Checked
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator	Satisfactory

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	where the operator can be reached at all times?	
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
Category Comment:		
<i>The operator's system does not contain any pressure limiting and regulating devices. The maximum allowable operating pressure of this segment is 1,096 psig based upon the 1,370 psig test pressure and the Class 2 test factor, and is well above the MAOP of both Trunkline (900 psig) and Mississippi River Transmission (960 psig).</i>		
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Not Applicable
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Not Applicable
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Not Applicable
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	Not Applicable
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Not Applicable
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Not Applicable
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Not Applicable
VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Not Applicable
General Comment:		
<i>The operator's system does not contain distribution valves.</i>		
ODORIZATION OF GAS		Status
Category Comment:		
<i>The operator's system does not contain odorant.</i>		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Not Applicable
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Not Applicable
[192.625(f)]	Was the operator's equipment calibrated as required?	Not Applicable
TRANSMISSION		Status

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<u>Category Comment:</u>		
<i>Staff examined the 16" remote actuated ball valve at the MRT take point and the 8" remote actuated ball valve from the Trunkline source. Both valves had an ANSI pressure rating of 600. Cooper Cameron manufactured both valves.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Satisfactory
[192.745(a)]	Were the valves inspected accessible?	Satisfactory
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Applicable
<u>General Comment:</u>		
<i>The operator did not have any pre-tested transmission pipe.</i>		
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	Not Checked
<u>General Comment:</u>		
<i>Staff did not observe any blow down activities.</i>		
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Satisfactory
<u>General Comment:</u>		
<i>Staff examined the 16" remote actuated ball valve at the MRT take point and the 8" remote actuated ball valve from the Trunkline source. Both valves had an ANSI pressure rating of 600. Cooper Cameron manufactured both valves.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No

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